## **PCT**

## REQUEST

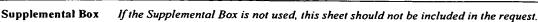
For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"  Applicant's or agent's file reference 608709CT/2 2202

REQUES!	International Filing D	Pate	
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving O	ffice and "PCT International Application"	
	Applicant's or agent's (if desired) (12 chara	file reference cters maximum) 60879PCT/3.2202	
Box No. I TITLE OF INVENTION SUBSTITUTED HETEROCYCLIC DIARYLAMINE ANALOGUES			
	on is also inventor		
Name and address: (Family name followed by given name; for a legal enti. The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of resider	he address indicated in this	Telephone No. (203) 488-2801	
NEUROGEN CORPORATION 35 Northeast Industrial Road		Facsimile No.	
Branford, CT 06405 United States		(203) 488-4710 Teleprinter No.	
		Teleprinter No.	
		Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, counti	y) of residence:	
This person is applicant for the purposes of:  all designated laddesignated states all designated the United States.	ed States except States of	the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FU	RTHER) INVENTO		
Name and address: (Family name followed by given name; for a legal entil The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of resident BAKTHAVATCHALAM, Rajagopal 67 Hickory Lane Madison, CT 06443 United States	he address indicated in this	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, countr	y) of residence:	
This person is applicant for the purposes of:  all designated the United States all designated the United States	d States except tates of	the United States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on a continuation sheet.			
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE			
The person identified below is hereby/has been appointed to at the applicant(s) before the competent International Authorities	ct on behalf of as:	agent common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country.)  Telephone No.  (617) 439-4444			
ALEXANDER, Ph.D. John B. EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, MA 02205 United States		Facsimile No.	
		(617) 439-4170 Teleprinter No.	
		Agent's registration No. with the Office	
		48,399	
Address for correspondence: Mark this check-box who the space above is used instead to indicate a special address.	ere no agent or commo ess to which correspon	n representative is/has been appointed and ndence should be sent.	



Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
If none of the following st	ub-boxes is used, this sheet should no	ot be included in the re	quest.
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  HODGETTS, Kevin J.  224 Reservoir Road  Killingworth, CT 06419  United States		This person is:  applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office	
State (that is, country) of Great Britain	nationality:	State (that is, country US	y) of residence:
This person is applicant	all designated all designate States all the United S	ed States except States of	the United States of America only the States indicated in the Supplemental
The address must include postar	name followed by given name; for a legal enti il code and name of country. The country of t is, country) of residence if no State of residence	the address indicated in this	This person is:  applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of US	nationality:	State (that is, country US	ן (ע) of residence:
This person is applicant for the	all designated all designated States all designated	ed States except States of	the United States the States indicated in the Supplemental
The address must include posta	name followed by given name; for a legal enti name followed by given name; The country of t is, country) of residence if no State of residence	the address indicated in this	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of US	nationality:	State (that is, country US	y) of residence:
This person is applicant for the	all designated all designated States all designated States	ed States except States of	the United States of America only the States indicated in the Supplemental
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  YOON, Taeyoung 6 Finch Lane Guilford, CT 06437 United States  This person is:  applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office			
State (that is, country) of nationality:  Republic of Korea  State (that is, country) of residence: US			ry) of residence:
This person is applicant for the	all designated all designated States all designated the United S		the United States of America only the States indicated in the Supplemental
Further applicants and/or (further) inventors are indicated on another continuation sheet.			

Continuation of Box No. III FURTHER APPLICAN	IT(S) AND/OR (FURTHER) INVENTOR(S)	
If none of the following sub-boxes is used, this sheet show	ıld not be included in the request.	
Name and address: (Family name followed by given name; for a legi The address must include postal code and name of country. The countr Box is the applicant's State (that is, country) of residence if no State of res ZHENG, Xiaozhang 10 Roby Court Branford, CT 06405 United States	ry of the address indicated in this	
State (that is, country) of nationality: China	State (that is, country) of residence: US	
	ignated States except the United States the States indicated in the Supplemental	
Name and address: (Family name followed by given name; for a lego The address must include postal code and name of country. The countr Box is the applicant's State (that is, country) of residence if no State of res	rv of the address indicated in this	
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	ignated States except the United States the States indicated in the Supplemental	
Name and address: (Family name followed by given name; for a lego The address must include postal code and name of country. The countr Box is the applicant's State (that is, country) of residence if no State of res	ry of the address indicated in this	
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	gnated States except the United States the States indicated in the Supplemental	
Name and address: (Family name followed by given name; for a lega The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of residence is no State of residence.	y of the address indicated in this	
State (that is, country) of nationality:	State (that is, country) of residence:	
	gnated States except the United States the States indicated in the Supplemental	
Further applicants and/or (further) inventors are indicated on another continuation sheet.		



- If, in any of the Boxes, except Boxes Nos VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Boxes No. III" or "Continuation of Boxes No. III and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box VI.
- If the applicant intends to make an indication of the wish that the international application be treated, in certain designated States, as an application for a patent of addition, certificate of addition, inventor's certificate of addition or utility certificate of addition: in such a case, write the name or two-letter code of each designated State concerned and the indication "patent of addition," "certificate of addition," "inventor's certificate of addition," the number of the parent application or parent patent or other patent grant and the date of grant of the parent application (Rules 4.11(a)(iii) and 49bis.1(a) or (b)).
- If the applicant intends to make an indication of the wish that the international application be treated, in the United States of America, as a continuation or continuation-in-part of an earlier application: in such a case, write "United States of America" or "US" and the indication "continuation" or "continuation-in-part" and the number and the filing date of the parent application (Rules 4.11(a)(iv) and 49 bis.1(d)).

Continuation of Box IV:

CONLIN, David G. **NEUNER**, George BUCKLEY, Linda M. CORLESS, Peter F. MANUS, Peter J. DALEY, Jr., William J. BUCHANAN, Robert L. O'DAY, Christine C. HAZZARD, Lisa S. TUCKER, David A. HARTNELL III, George W. ALEXANDER, John B. JENSEN, Steven M. PIFFAT, Kathryn A. ROOS, Richard J. MANSO, Peter J. REES, Dianne M. GITTEN, Howard M. PENNY, Jr., John J. KONIECZNY, J. Mark ROSENFIELD, Jennifer K. BUTLER, Gregory B. KRAMER, Barry WOFSY, Scott D. CHACLAS, George N. NEWMAN, Richard H. SILVIA, David J. HEUSCH, Marina I. LAURO, Peter C. KITCHELL, Barbara HSI, Jeffrey D. MAKARY, Meghan M.

The above attorneys are all members of the firm: EDWARDS & ANGELL, LLP P.O. Box 55874
Boston, Massachusetts 02205

Sheet	No	5	
JUCEL	INU.	 	

Box No.V	Box No.V DESIGNATIONS				
The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.					
However,					
DE Ge	many is not de	esignated for any kind of na	tional protection		
l <del></del> .	-	is not designated for any ki	•		
RU Ru	ssian Federation	is not designated for any k	kind of national protection	on	
l ettect, under	r the national la	ay be used to exclude (irrev aw, of an earlier national ap h national law provisions in	onlication trom which or	iority is claimed. See th	avoid the ceasing of the he Notes to Box No. V as
Box No. VI	PRIORITY C	LAIM			
The priority	of the followir	ng earlier application(s) is he	ereby claimed:		
	g date	Number	W	here earlier application	is:
	application onth/year)	of earlier application	national application: country or Member	regional application:* regional Office	international application: receiving Office
item (1)		COMPC 422	110		
10/0	7/2003	60/486,133	US		
item (2)					
item (3)					
			<u> </u>		
		s are indicated in the Suppler			
application(s	s) (only if the e	requested to prepare and t carlier application was filed ntified above as:	transmit to the Internat with the Office which fo	tional Bureau a certifi or the purposes of this in	ied copy of the earlier nternational application
all item	s 🔀 ite	em (1)	item (3)	other, se	ee Supplemental Box
* Where the e Industrial Pro	earlier application	on is an ARIPO application, in ember of the World Trade Orga	dicate at least one country inization for which that ear	party to the Paris Conve lier application was filed	ention for the Protection of (Rule 4.10(b)(ii)):
				· · · · · · · · · · · · · · · · · · ·	•••••
Box No. VI	I INTERNA	ATIONAL SEARCHING A	AUTHORITY		
Choice of Incarry out the	nternational S international	Searching Authority (ISA) search, indicate the Authori	(if two or more Interna ity chosen; the two-letter	ntional Searching Authorcode may be used):	orities are competent to
ISA/EP			,		
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):					
Date (day/month/year)  Number  Country (or regional Office)					
Box No. VIII DECLARATIONS					
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):  Number of declarations					
☐ Box N	Box No. VIII (i) Declaration as to the identity of the inventor			:	
☐ Box N	Box No. VIII (ii)  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent				
Box No. VIII (iii)  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application					
Box No. VIII (iv)  Declaration of inventorship (only for the purposes of the designation of the United States of America)					
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:					

Box No. IX CHECK LIST; LANGUAGE OF FILING				
This international application contains:  (a) in paper form, the following number of sheets:	This international application is accompanied by the follow item(s) (mark the applicable check-boxes below and indicating right column the number of each item):	wing Number te in of items		
request (including	1.  fee calculation sheet	<u>:</u> 1		
declaration sheets) : 6	2.  original separate power of attorney	:		
description (excluding sequence listing and/or	3.  original general power of attorney	:		
tables related thereto) : 85	4. Copy of general power of attorney; reference number	er, if		
claims : 38	any:	: 2		
abstract : 1	5. statement explaining lack of signature	: .		
drawings : 0	6. priority document(s) identified in Box No. VI as item(s):			
Sub-total number of sheets 130 sequence listing : 0	7. translation of international application into (language):	:		
tables related thereto : 0 (for both, actual number	8. Separate indications concerning deposited microorg other biological material			
of sheets if filed in paper form, whether or not also	9. sequence listing in computer readable form (indicate type and number of carriers)	•		
filed in computer readable form; see (c)	(i) copy submitted for the purposes of international se Rule 13ter only (and not as part of the international	earch under		
Total number of sheets: 130	(ii) (only where check-box (b)(i) or (c)(i) is marked in additional copies including, where applicable, the	left column)		
(b) only in computer readable form (Section 801(a)(i))	purposes of international search under Rule 13ter  (iii) together with relevant statement as to the identity of	:		
(i) ☐ sequence listing (ii) ☐ tables related thereto	or copies with the sequence listing mentioned in le	eft column :		
(c) also in computer readable form (Section 801(a)(ii))	<ul> <li>10.  tables in computer readable form related to sequence (indicate type and number of carriers)</li> <li>(i)  copy submitted for the purposes of international se</li> </ul>	J		
(i) sequence listing	Section 802(b-quater) only (and not as part of the i	international		
(ii) ☐ tables related thereto	application)	:		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is ma column) additional copies including, where ap copy for the purposes of international search iii 802(b-quater)	urked in left plicable, the inder Section		
sequence listing:	(iii) 1 together with relevant statement as to the identity of	of the copy		
☐ tables related thereto:	(iii) together with relevant statement as to the identity of or copies with the tables mentioned in left column			
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column				
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: ENGLISH			
Box No. X SIGNATURE OF APPLICANT,	AGENT OR COMMON REPRESENTATIVE			
Next to each signature, indicate the name of the person sign	ing and the capacity in which the person signs (if such capacity is not obvious f	from reading the request).		
Rajagopal Bakthavatchalam	J. Hedgetts Alan J-thutchison Pot	bert Opfiger		
Rajagopal DakillavaiGilaiaiii	J. Heagetts Alan Solutions Of Co.	bert Omger		
Tallem / m	work the	CK		
Taeyoung Yoon / Xiazhang Zheng John B. Alexander, Ph.D., Agent for Applicant				
Date of actual receipt of the purported     interpotional ambientions.	For receiving Office use only	2. Drawings:		
international application:	-	received:		
Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
4. Date of timely receipt of the required corrections under PCT Article 11(2):		not received:		
5. International Searching Authority (if two or more are competent): ISA/	6. Transmittal of search copy delayed until search fee is paid			
	- For International Bureau use only			
Date of receipt of the record copy	•			
by the International Bureau:				



This sheet is not part of and does not count as a sheet of the international application.

PCT	For receiving Office use only		
FEE CALCULATION SHEET			
Annex to the Request	International Application No.		
Applicant's or agent's file reference 60879PCT/3.2202	Date stamp of the receiving Office		
Applicant NEUROGEN CORPORATION			
CALCULATION OF PRESCRIBED FEES  1. TRANSMITTAL FEE	300.00 T		
2. SEARCH FEE	1,920.00 [5]		
International search to be carried out byEP			
(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)			
3. INTERNATIONAL FILING FEE			
Where item (b) and/or (c) of Box No. IX apply, enter Sub-total Where item (b) and (c) of Box No. IX do not apply, enter Total			
il first 30 sheets	1,134.00 i1		
i2 100 x 12.00 =  number of sheets in excess of 30 fee per sheet	1,200.00 i2		
additional component (only if sequence listing and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)):			
400 x =	j3		
Add amounts entered at i1, i2 and i3 and enter total at I 2,334.00 1			
(Applicants from certain States are entitled to a reduction of 75% of the international filing fee. Where the applicant is (or all applicants are) so entitled,			
4. FEE FOR PRIORITY DOCUMENT (if applicable)	20.00 P		
5. TOTAL FEES PAYABLE	AL box TOTAL		
MODE OF PAYMENT			
authorization to charge postal money order [	cash coupons		
☑ cheque ☐ bank draft [	revenue stamps other (specify):		
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT			
(This mode of payment may not be available at all receiving Offices	Deposit Account No.: 04-1105		
Authorization to charge the total fees indicated above.	Date: 09 JULY 2004		
(This check-box may be marked only if the conditions for deposition accounts of the receiving Office so permit) Authorization to characteristic or credit any overpayment in the total fees indicated	arge any		
Authorization to charge the fee for priority document.	Signature:		
Form PCT/RO/101 (Annex) (January 2004)	See Notes to the fee calculation sheet		

LegalStar 2004, Form PCTREQ